

18334 U.S. PTO  
08/26/03

NONPROVISIONAL PATENT  
APPLICATION TRANSMITTAL RULE §1.53(b)  
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Docket No. 100347-00002

Date: August 26, 2003

CUSTOMER NO.: 004372

03913 U.S. PTO  
10/647431  
08/26/03

**Mail Stop: Patent Application**  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Sir:

Transmitted herewith for filing under 37 C.F.R. §1.53(b) is a nonprovisional patent application:

For (Title): CATALYST PARTICLE USABLE FOR DEHYDROGENATION OF ALCOHOLS

By (Inventors): Hitoshi OKANOBORI (Saitama, Japan); Atsushi KAMACHI (Saitama, Japan)

- ☒ 24 pages of Specification / Claims 1 - 7 / Abstract are attached.  
☒ Drawings (Figs. 1(a) - (d) - 19; 13 sheets) are attached.  
☐ A Declaration and Power of Attorney is attached.  
☐ An assignment of the invention to \_\_\_\_\_ is attached, along with Form PTO-1595.  
☐ An Information Disclosure Statement is attached, along with Form PTO-1449, and Reference.  
☐ A Statement to establish small entity status under 37 C.F.R. §§1.9 and 1.27 is attached.  
☐ A Preliminary Amendment is attached.  
☐ Please amend the specification by inserting before the first line the sentence --This nonprovisional application claims the benefit of U.S. Provisional Application No. \_\_\_\_\_, filed \_\_\_\_\_, --  
☒ Priority of Japanese Patent Application No. 2002-247640; filed August 27, 2002 is claimed under 35 U.S.C. §119.  
☒ A certified copy of the above corresponding foreign application is attached.

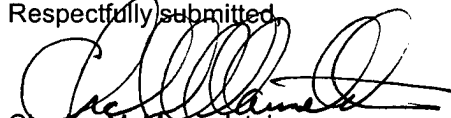
The filing fee is calculated below and includes claim status after entry of any Preliminary Amendment noted above:

FOR:	NO. FILED	NO. EXTRA
BASIC FEE		
TOTAL CLAIMS	7 - 20	= 0
INDEP CLAIMS	1 - 3	= 0
<input type="checkbox"/> MULTIPLE DEPENDENT CLAIMS		

SMALL ENTITY			LARGE ENTITY		
RATE	FEE	OR	RATE	FEE	
	\$ 375	OR		\$ 750	
x 9 =	\$	OR	x 18	\$ 0	
x 42 =	\$	OR	x 84	\$ 0	
+140 =	\$	OR	+280	\$ 0	
TOTAL	\$	OR	TOTAL	\$ 750	

☒ NO FEE IS ENCLOSED AT THIS TIME.

Respectfully submitted,



Charles M. Marmelstein  
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CMM:mmg